

Title (en)
LINEAR ACTUATOR

Title (de)
LINEARES STELLGLIED

Title (fr)
ACTIONNEUR LINEAIRE

Publication
EP 1339302 A1 20030903 (EN)

Application
EP 01996319 A 20011116

Priority
• DK 0100767 W 20011116
• DK PA200001729 A 20001117
• DK PA200100776 A 20010516

Abstract (en)
[origin: WO0239848A1] As a driving unit for lifting columns it is common to use a linear actuator as driving unit. This actuator is of the type where a reversible electric motor drives an actuation rod (5) through a spindle/nut assembly (3, 4). The actuator is placed in the inside of the column, but as the actuator is fairly voluminous a relatively large column cross section is required. Designing the housing (1) of the actuator with a bearing surface (1f) which stretches at a right angle from the outer tube (2) it can be placed on the top of the column. It is therefore only the spindle (3) of the actuator and the actuation rod (5) and possibly the outer tube (2), which are placed in the inside of the column. Thereby the actuator can be used even in very slim columns. Further more the actuator can be designed so that the height of the housing over the end of the column can be very low. An example is shown of an actuator with both single and double stroke lengths. The areas of application of the actuator are of course not limited to columns.

IPC 1-7
A47B 9/04; F16H 25/20

IPC 8 full level
A47B 9/04 (2006.01); **F16H 25/20** (2006.01)

CPC (source: EP)
A47B 9/04 (2013.01); **F16H 25/20** (2013.01); **A47B 2200/0054** (2013.01); **A47B 2200/006** (2013.01); **F16H 25/2015** (2013.01); **F16H 2025/2084** (2013.01); **F16H 2025/209** (2013.01)

Citation (search report)
See references of WO 0239848A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0239848 A1 20020523; AU 2350802 A 20020527; EP 1339302 A1 20030903

DOCDB simple family (application)
DK 0100767 W 20011116; AU 2350802 A 20011116; EP 01996319 A 20011116